ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF PAGES 16

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER	2. CONTRACT NO. (If any)
08/27/2014	EP-C-11-038

3. ORDER NO.	4. REQUISITION/REFERENCE NO.
0026	See Schedule

5. ISSUING OFFICE (Address correspondence to)
CPOD
US Environmental Protection Agency
26 West Martin Luther King Drive
Mail Code: NWD
Cincinnati OH 45268

6. SHIP TO:
a. NAME OF CONSIGNEE
b. STREET ADDRESS
c. CITY | d. STATE | e. ZIP CODE

7. TO:
a. NAME OF CONTRACTOR
BATTELLE MEMORIAL INSTITUTE
b. COMPANY NAME
c. STREET ADDRESS
505 KING AVE
d. CITY: COLUMBUS | e. STATE: OH | f. ZIP CODE: 432012693

f. SHIP VIA

8. TYPE OF ORDER
☐ a. PURCHASE
REFERENCE YOUR:
Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.
☒ b. DELIVERY
Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.

9. ACCOUNTING AND APPROPRIATION DATA	10. REQUISITIONING OFFICE
See Schedule	CPOD

11. BUSINESS CLASSIFICATION (Check appropriate box(es))
☐ a. SMALL ☒ b. OTHER THAN SMALL ☐ c. DISADVANTAGED ☐ d. WOMEN-OWNED ☐ e. HUBZone
☐ f. SERVICE-DISABLED VETERAN-OWNED ☐ g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM ☐ h. EDWOSB

12. F.O.B. POINT: Destination

13. PLACE OF		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
a. INSPECTION	b. ACCEPTANCE			
Destination	Destination			

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Tax ID Number: (b)(4) DUNS Number: Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2 TOPO: William Hagel Continued ...					

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(h) TOTAL (Cont. pages)
			$100,000.00

21. MAIL INVOICE TO:
a. NAME: RTP Finance Center
b. STREET ADDRESS (or P.O. Box): US Environmental Protection Agency
RTP-Finance Center
Mail Drop D143-02
109 TW Alexander Drive
c. CITY: Durham | d. STATE: NC | e. ZIP CODE: 27711

17(i) GRAND TOTAL: $383,444.00

SEE BILLING INSTRUCTIONS ON REVERSE

22. UNITED STATES OF AMERICA BY (Signature): 08/27/2014 Camille W. Davis ELECTRONIC SIGNATURE

23. NAME (Typed): Camille W. Davis
TITLE: CONTRACTING/ORDERING OFFICER

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 347 (Rev. 2/2012)
Prescribed by GSA/FAR 48 CFR 53.213(f)

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER	CONTRACT NO.	ORDER NO.
08/27/2014	EP-C-11-038	0026

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Admin Office: CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 Period of Performance: 08/29/2014 to 08/31/2015					
0001	Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2 Award Type: Cost-plus-fixed-fee Total Estimated Cost: $(b)(4) Fixed Fee: $(b)(4) Term Form Requisition No: PR-ORD-14-01577, PR-ORD-14-02170 Accounting Info: 13-14-C-261A000-201FK7-2532-26A5C-1426 1AC480-001 BFY: 13 EFY: 14 Fund: C Budget Org: 261A000 Program (PRC): 201FK7 Budget (BOC): 2532 Cost: 26A5C DCN - Line ID: 14261AC480-001 Funding Flag: Partial Funded: $60,800.00 Accounting Info: 13-14-C-261A000-401FK9-2532-26A5C-1426 1AC480-002 BFY: 13 EFY: 14 Fund: C Budget Org: 261A000 Program (PRC): 401FK9 Budget (BOC): 2532 Cost: 26A5C DCN - Line ID: 14261AC480-002 Funding Flag: Partial Funded: $14,200.00 Accounting Info: 14-T-72DP-303DD2-2505-HQ00BM00-1472DP5007-001 BFY: 14 Fund: T Budget Org: 72DP Program (PRC): 303DD2 Budget (BOC): 2505 Job #: HQ00BM00 DCN - Line ID: 1472DP5007-001 Funding Flag: Partial Funded: $25,000.00				100,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H)) $100,000.00

PERFORMANCE WORK STATEMENT
STREAMS II
Task Order 0026, Battelle EP-C-11-038

TITLE: Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC)

Task Order Contracting Officer's Representative (TOCOR)	**Alternate Task Order Contracting Officer's Representative (AltTOCOR)**
Name: William Hagel	Name: Felicia Barnett
Office: ORD/OSP	Office: ORD/OSP
1650 Arch Street, 3HS40	61Forsyth Street
Philadelphia, PA 19103	Atlanta, GA 30303
Phone: (215) 814-3053	Phone: (404) 562-8659
Fax: (215) 814-3015	Fax: (404) 562-8788
Email: Hagel.Bill@epa.gov	Email: Barnett.Felicia@epa.gov

PERIOD OF PERFORMANCE: August 29, 2014 through August 29, 2015

BACKGROUND AND OBJECTIVES

The Office of Solid Waste and Emergency Response (OSWER), Regional Superfund Offices, and the Office of Research and Development (ORD) established the Superfund Technical Support Project (TSP) to provide technology-based assistance to EPA's Remedial Project Managers (RPMs) and On-Scene Coordinators (OSCs) through ORD laboratories. The Project consists of a network of Regional Forums and a number of specialized Technical Support Centers (TSC).

The Site Characterization and Monitoring Technical Support Center (SCMTSC) is managed by the Regional Science Program (RSP) in ORD's Office of Science Policy (OSP). The objectives of the SCMTSC are to help regional project managers:

1. Use state-of-the-science tools to characterize and monitor hazardous sites;
2. Research state-of-the-science information, innovative technologies, and products and services;
3. Evaluate and apply innovative characterization and monitoring technologies and procedures properly and consistently;
4. Acquire relevant technical support and expert reviews of scientific documents.

SCOPE OF WORK

The contractor will identify, investigate, research, and evaluate innovative technologies and processes and provide technical expertise to ensure that hazardous waste site characterization and assessments use sound science and that sampling, monitoring, analytical and quality control methods and requirements are effective to achieve project objectives. The contractor will provide technical expertise and knowledge on innovative technologies that include but are not be limited to:

- Technologies for on-site measurements of inorganic and organic contaminants
- Special (non-routine) laboratory analysis;
- Sampling and monitoring approaches to determine levels and extent of site contaminants;
- Models that predict contaminant movement and disposition/deposition;
- Special (non-routine) contaminant identification (such as: Tentatively Identified Compounds (TICs), contaminant isomers, and fingerprinting); and
- Evaluations of work plans, sampling and analysis plans, quality assurance project plans, and other site –related technical documents.

One or more of the following tasks may be performed depending on the specific site characterization requirements.

- Task 1: Provide information to site project managers on state-of-the-science technology, products, models, techniques and services and their applicability to site-specific characterizing and monitoring issues at hazardous waste sites.

- Task 2: Assist EPA regions in implementing and documenting the performance of site characterization technology, products, models, techniques and services at hazardous waste sites.

- Task 3: Provide relevant high-level technical support and expert review of site related technical documents, such as work plans, reports, data, models, sampling/monitoring and analytical protocols and approaches.

- Task 4: Develop, assess and document sampling and/or monitoring strategies to site-specific needs.

- Task 5: Review, develop and/or execute a project Quality Assurance Project Plan (QAPP). The QA/QC criteria must be specific to each site's characterization requirements (definitions in Appendix B).

- Task 6: Provide quick-response, fast turnaround technical support, which may include field measurements, laboratory analyses, or monitoring design valuations/optimizations to meet time-critical monitoring and emergency response objectives.

- Task 7: Provide technical support at EPA meetings pertaining to site related issues.

- Task 8: Develop issue papers on state-of-the-science technologies and methods that impact site characterization, technologies.

As all the resources provided by the EPA are site-specific cost recoverable, the contractor will identify the relevant site identification in all documentation.

Whenever practical, projects shall adhere to the National Geospatial Data Policy (NGDP), which establishes principles, responsibilities, and requirements for collecting and managing geospatial data used by Federal environmental programs and projects within the jurisdiction of the U.S. Environmental Protection Agency (EPA). This Policy also establishes the requirement of collecting and managing geospatial metadata describing the Agency's geospatial assets to underscore EPA's commitment to data sharing, promoting secondary data use, and supporting the National Spatial Data Infrastructure (NSDI).

Projects using "secondary geospatial data", such as data from another project or source, must be reviewed for FGDC compliance prior to use.

DELIVERABLES

Deliverables are associated with specific Technical Directives (TDs) Typical deliverables may include but are not limited to:

1. Technical Directive Form 2 (refer to section on Technical Directives and Task Management below).
2. Monthly Technical/Financial Progress Report
3. Site or task-specific quality assurance/quality management plans;
4. Technical reports that may be subject to EPA peer review procedures; and
5. Letter reports at the conclusion of each project.

Technical Directives (TDs) and Task Management:

This task order (TO) will consist of a number of Technical Directives (TDs) issued by the TOM when technical support is required. A TD presents the entire scope of work to be performed by the contractor for an individual project. TDs are comprised of up to three (3) Technical Directive Forms (TDFs).

- TD Form 1 (TDF-1) – Issued by the TOM to request work within the scope of this Performance Work Statement. Each TDF-1 will be formatted similar to the example shown in Appendix A. On these forms, the TOM will provide the contractor with the overall scope, objectives, schedules, deliverables and other information necessary to conduct the work.

- TD Form 2 (TDF-2) – Submitted by the contractor to the TOM in response to TDF-1. This form includes: a brief discussion of the contractor's understanding of

what is required; a description of how the work is to be performed; the deliverable(s) that will submitted; implementation methods when appropriate; any special technologies or procedures to be employed; an estimate of the start and completion dates; a cost estimate (skill level(s), number of personnel to be assigned, labor hours for each person, materials/equipment, travel, subcontracts, or information/documentation, etc.); and any assumptions employed in making the proposal. The contractor shall submit the TD-Form 2 within five (5) working days and submit it electronically to the TOM with copies to the CO and PO. The cost estimate in the work plan shall be cost plus fixed fee and will provide an estimate of the labor hours, other direct costs and indirect costs to complete the work. The total of the TDs shall not exceed the available funding for the task order. The TOM shall notify the contractor's Project Manager (and EPA PO and CO) electronically when the technical proposal is approved. Work on the TD shall not begin until the technical proposal is approved.

- TD Form 3 (TDF-3) - This form can be initiated by either the EPA or the contractor. Whenever there is significant changes in TDF-1 or TDF-2, a TDF-3 should be generated to describe the changes. Examples of changes that may require a TDF-3 include: description/scope of work; deliverable(s); schedule; costs and resources required. The TDF3 must include an explanation as to why the changes are necessary. The TDF3 must be approved by EPA before the modification is implemented.

If the scheduled work appears that it will exceed the approved technical proposal budget or schedule, a TD modification shall be sent to the TOM for approval. Upon TD modification approval, (with copies to the CO and PO), the contractor may continue working to the limits in the technical proposal. The contractor shall not perform any work that is not described in a TD. Under no circumstances can the TO funding be exceeded without a task order modification by the Contracting Officer.

Appendix A

Technical Directive Form
#1
TECHINCAL DIRECTIVE
EXAMPLE

Task Order Number: 0008
Technical Directive Number: 00

Title of Technical Directive: XX Chemical

Regional Requestor Name/Phone #: Project Manager, manager.project@epa.gov, Region X, 202-555-0000

Site Name: XX Chemical; EPA ID# STDD000000000

Description of Work: Review of Site Investigation Plan

Background:

The XX Chemical Site consists of a 20-acre parcel of land located in Anywhere, USA. From the early 1930s until the mid-1980s, the chemical plant at the Site functioned as a blender of pesticides and fertilizers. Raw pesticides manufactured at other locations were blended with inert materials to produce commercial-grade products using air and hammer mills and wetting agents. Production ended in the 1980s.

Waste materials from the manufacturing processes, including waste generated during the cleaning of the processing equipment, were disposed in an on-site depression. Contaminants found in Site soil, ground water, surface water, and/or sediment, as well as in the tissue of fish caught downstream of the Site, include arsenic, lead, benzene, aldrin, chlordane, DDD, DDE, DDT, dieldrin, and methoxychlor.

Scope of Work:

The contractor shall review and evaluate the merits of the Sampling

Plan A. Quality Assurance Requirements:

All work shall be performed in accordance with the existing Contractor Quality Management Plan (QMP). Additional data quality objectives (DQOs) specific to the site and existing site QA documents shall be provided by Regional personnel, if needed. It is assumed that all data provided by the Region have been reviewed and meet the QA criteria in the site QAPP.
Deliverables and Acceptance Criteria:

Letter Report due one (1) month after contractor receives Site Investigation Report. Acceptance shall be determined by 100% review by the TOM and the Regional client.

Conflict of Interest:

The contractor shall determine if any potential or actual personal or corporate (COI) exists with the site that is the subject of this Technical Directive. The contractor shall report results of this certification / assessment in the technical proposal (Technical
Directive Form #2) and, if appropriate, the steps taken to mitigate the COI. If the contractor determines that there is the potential for COI issues at this site, no work shall be initiated until the issue has been fully resolved or mitigated.

_____ _____

Name Date
Task Order Manager

APPENDIX B

NERL QA Requirements and Definitions

EPA's Quality System Website: http://www.epa.gov/quality/

EPA's Requirements and Guidance Documents:
http://www.epa.gov/quality/qa_docs.html

In accordance with EPA Order 5360.1 A2, conformance to ANSI/ASQC E4 must be demonstrated by submitting the quality documentation described herein. All quality documentation shall be submitted to the Government for review. The Government will review and return the quality documentation, with comments, and indicate approval or disapproval. If the quality documentation is not approved, it must be revised to address all comments and shall be resubmitted to the Government for approval. Work involving environmental data collection, generation, use, or reporting shall not commence until the Government has approved the quality documentation. The QAPP shall be submitted to the Government at least thirty (30) days prior to the beginning of any environmental data gathering or generation activity in order to allow sufficient time for review and revisions to be completed. After the Government has approved the quality documentation, the Contractor shall also implement it as written and approved by the Government.

Definitions:

Environmental Data - These are any measurements or information that describe environmental processes, location, or conditions; ecological or health effects and consequences; or the performance of environmental technology. For EPA, environmental data include information collected directly from measurements, produced from software and models, and compiled from other sources such as data bases or the literature.

Quality Assurance (QA) - Quality assurance is a system of management activities to ensure that a process, item, or service is of the type and quality needed by the customer. It deals with setting policy and running an administrative system of management controls that cover planning, implementation, and review of data collection activities and the use of data in decision making. Quality assurance is just one part of a quality system.

Quality Assurance Project Plan (QAPP) - A QAPP is a document that describes the necessary quality assurance, quality control, and other technical activities that must be implemented to ensure that the results of the work performed will satisfy the stated performance criteria. A QAPP documents project-specific information.

Quality Control (QC) - Quality control is a technical function that includes all the scientific precautions, such as calibrations and duplications that are needed to acquire data of known and adequate quality.

Quality Management Plan (QMP) - A QMP is a document that describes an organization's/program's quality system in terms of the organizational structure, policy and procedures, functional responsibilities of management and staff, lines of authority, and required interfaces for those planning, implementing, documenting, and assessing all activities conducted. A QMP documents the overall organization/program, and is primarily applicable to multi-year, multi-project efforts. An organization's/program's QMP shall address all elements listed in the EPA/240/B-01/002.

Quality System - A quality system is the means by which an organization manages its quality aspects in a systematic, organized manner and provides a framework for planning, implementing, and assessing work performed by an organization and for carrying out required quality assurance and quality control activities.

R-2 - EPA Requirements for Quality Management Plans (EPA/240/B-01/002) March, 2001, http://www.epa.gov/quality/qs-docs/r2-final.pdf

R-5 - EPA Requirements for QA Project Plans (EPA/240/B-01/003) March, 2001 http://www.epa.gov/quality/qs-docs/r5-final.pdf

Substantive Change - Substantive change is any change in an activity that may alter the quality of data being used, generated, or gathered.

NERL's Quality System Specifications:

(1) A description of the organization's Quality System (QS) and information regarding how the QS is documented, communicated and implemented;

(2) An organizational chart showing the position of the QA function;

(3) Delineation of the authority and responsibilities of the QA function;

(4) The background and experience of the QA personnel who will be assigned to the project; and

(5) the organization's general approach for accomplishing the QA specifications in the SOW.

Category Level Designations (determines the level of QA required):

Category I Project - applicable to studies performed to generate data used for enforcement activities, litigation, or research project involving human subjects. The QAPP shall address all elements listed in R-5.

Category II Project - applicable to studies performed to generate data used in support of the development of environmental regulations or standards. The QAPP shall address all elements listed in R-5.

Category III Project - applicable to projects involving applied research or technology evaluations. The QAPP shall address the applicable sections of R-5, as outlined in the NERL QAPP requirements for the specific project type (see below).

Category IV Project - applicable to projects involving basic research or preliminary data gathering activities. The QAPP shall address the applicable sections of R-5, as outlined in the NERL QAPP requirements for the specific project type (see below).

Guidance for QAPPs by Project Type (described in more detail on subsequent pages):

These outlines of NERL QAPP Requirements for various project types, from Appendix B of the NERL QMP (except where otherwise noted), are condensed from typically applicable sections of R-5 (EPA Requirements for QA Project Plans) and are intended to serve as a starting point when preparing a QAPP. These lists and their format may not fit every research scenario, and QAPPs must conform to applicable sections of R-5 in a way that fully describes the research plan and appropriate QA and QC measures to ensure that the data are of adequate quality and quantity to fit their intended purpose.

Applied Research Project - pertains to a study performed to generate data to demonstrate the performance of accepted processes or technologies under defined conditions. These studies are often pilot- or field-scale. Additional guidance is given in "QAPP Requirements for Applied Research Projects".

Basic Research Project - pertains to a study performed to generate data used to evaluate unproven theories, processes, or technologies. These studies are often bench-scale. Additional guidance is given in "QAPP Requirements for Basic Research Projects".

Design, Construction, and/or Operation of Environmental Technology Project - pertains to engineering projects involving environmental technologies, an all inclusive term used to describe pollution control devices and systems, waste treatment processes and storage facilities, and site remediation technologies and their components that may be utilized to remove pollutants or contaminants from or prevent them from entering the environment. Comprehensive guidance can be found in the EPA Quality System document "Guidance on Quality Assurance for Environmental Technology Design, Construction, and Operation" G-11, at http://www.epa.gov/quality/qs-docs/g11-final-05.pdf.

Method Development Project - pertains to situations where there is no existing standard method, or a standard method needs to be significantly modified for a specific application. Additional guidance is given in "QAPP Requirements for

Method Development Projects".

Model Development Project - includes all types of mathematical models including static, dynamic, deterministic, stochastic, mechanistic, empirical, etc. Comprehensive guidance is provided in the EPA Quality System document "Guidance for Quality Assurance Project Plans for Modeling" G-5M, http://www.epa.gov/quality/qs-docs/g5m-final.pdf. Abbreviated guidance is provided in "QAPP Requirements for Research Model Development and Application Projects".

Sampling and Analysis Project - pertains to the collection and analysis of samples with no objectives other than to provide characterization or monitoring information. Additional guidance is given in "QAPP Requirements for Sampling and Analysis Projects".

Secondary Data Project - pertains to environmental data collected from other sources, by or for EPA, that are used for purposes other than those originally intended. Sources may include: literature, industry surveys, compilations from computerized databases and information systems, and computerized or mathematical models of environmental processes. Additional guidance is given in "QAPP Requirements for Secondary Data Projects".

Software Development Project - pertains to projects dealing with software development or data management and includes all types of software/hardware systems development, data base design and maintenance, and data validation and verification systems. Additional guidance is given in "QAPP Requirements for Software and Data Management Projects" http://www.epa.gov/ORD/NRMRL/qa/pdf/softwaredev.pdf.

Projects Generating or Using GIS/Remote Sensing Data - GIS can embrace many disciplines. One may need to consider the other area-specific elements in their QA plan. Comprehensive guidance can be found in the EPA Quality System document "Guidance for Geospatial Data Quality Assurance Project Plans" QA/G5G http://www.epa.gov/quality/qa_docs.html. As a minimum requirement, the grantee must address the following elements in the QA Project Plan:

1. Positional Accuracy	the deviation of a mapped object from its true ground position.
2. Attribute Accuracy	the accuracy of the variables describing a map feature
3. Logical Consistency	the logical relations among data elements
4. Resolution Accuracy	the smallest discernible unit or object represented in the GIS
5. Completeness of:	
a. Coverage	proportion of data available for the area of interest
b. Classification	assessment of how well the chosen classification is able to represent the data
6. Time	whether the data is up-to-date enough of its intended use

7. Lineage — the history of the data set, including its sources and processing steps.

Projects that Involve Information Management (IM)

Proper management of data using computer hardware and software must be addressed. Computer hardware/software configurations shall be installed, tested, used, maintained, controlled and documented to meet the requirements of the intended use. Some QA/QC elements described below ensure that the integrity of data is maintained and that the processing and assessment activities are valid, reproducible, and defensible:

1. Data Input
2. Data Transfers
3. Software lineage
4. Hardware Environment
5. Comprehensive Testing
6. Records Archiving

Projects that Involve Surveys (Questionnaire Forms):

The following QA Considerations should be addressed in preparing survey forms:
Items in the form should be

Relevant to what the project is trying to measure
Concise
Unambiguous
Single-thought oriented (only one question/item)

The data from the forms should be processed using systems that comply with the IM QA consideration (stated above).

QUALITY ASSURANCE SURVEILLANCE PLAN (QASP)
STREAMS II
Task Order 0026, Battelle EP-C-11-038

TITLE: Technical Support for the Site Characterization and Monitoring Technical Support Center

TOM: William Hagel

Performance Objective (Task)	Performance Standard (PS)	Surveillance Plan (SP)	Contractor Incentive (CI)	✓ or X
Task 1: Provide information to site project managers on state-of-the-science technology, products, models, techniques and services and their applicability to site-specific characterizing and monitoring issues at hazardous waste sites.	Contractor provides state-of-the-science technology, products, models, techniques and services and their applicability to site-specific characterizing and monitoring issues at hazardous waste sites that meets the needs of the project manager.	TOM will document whether quality of deliverable is at an acceptable level.	TOM will address compliance in PPE	✓
Task 2: Assist EPA regions in implementing and documenting the performance of site characterization technology, products, models, techniques and services at hazardous waste sites.	Contractor assists EPA regions in implementing and documenting the performance of site characterization technology, products, models, techniques and services at hazardous waste sites.	TOM will document whether quality of deliverable is at an acceptable level.	TOM will address compliance in PPE	✓

Performance Objective (Task)	Performance Standard (PS)	Surveillance Plan (SP)	Contractor Incentive (CI)	✓ or X
Task 3: Provide relevant high-level technical support and expert review of site related technical documents, such as work plans, reports, data, models, sampling/monitoring and analytical protocols and approaches.	Contractor provides full and complete documentation of reviews in the timeframe provided in the Technical Directive.	TOM will document whether receipt of deliverable is timely. TOM will document whether quality of deliverable is at an acceptable level.	TOM will address compliance in PPE	✓
Task 4: Develop, assess and document sampling and/or monitoring strategies to site-specific needs.	Contractor develops and/or assesses sampling and monitoring strategies to site-specific needs.	TOM will document whether receipt of deliverable is timely. TOM will document whether quality of deliverable is at an acceptable level.	TOM will address compliance in PPE	✓
Task 5: Review, develop and/or execute a project Quality Assurance Project Plan (QAPP) as needed. The QA/QC criteria must be specific to each site's characterization requirements.	Contractor develops or reviews project QAPP as needed.	TOM will document whether receipt of deliverable is timely. TOM will document whether quality of deliverable is at an acceptable level.	TOM will address compliance in PPE	✓
Task 6: Provide quick-response, fast turnaround technical support, which may include field measurements, laboratory analyses, or monitoring design valuations/optimizations to meet time-critical monitoring and emergency response objectives.	Contractor quick turnaround provides response to certain short-term technical directives as assigned by the TOM.	TOM will document whether receipt of deliverable is timely. TOM will document whether quality of deliverable is at an acceptable level.	TOM will address compliance in PPE	✓

Performance Objective (Task)	Performance Standard (PS)	Surveillance Plan (SP)	Contractor Incentive (CI)	✓ or X
Task 7: Provide technical support at EPA meetings pertaining to site related issues.	When assigned, the Contractor will provide support at EPA meetings relative to the Technical Directive assigned.	TOM will document whether response is timely and accurate. TOM will document whether quality of deliverable is at an acceptable level.	TOM will address compliance in PPE	✓
Task 8: Develop issue papers on state-of-the-science technologies and methods that impact site characterization, technologies.	Contractor will develop issue papers on state-of-the-science technologies and methods that may impact site-specific characterization, technologies.	TOM will document whether receipt of deliverable is timely. TOM will document whether quality of deliverable is at an acceptable level.	TOM will address compliance in PPE	✓